

201
1.5 HW

Key

p38-40 3-9, 12, 13, 18, 19, 20-28, 31, 32

3. Adjacent (4) Not (5) adjacent

6. C: $\angle STR + \angle UIN$ (7) C: $\angle GLH + \angle HLI$

S: $\angle QTS + \angle UVW$

S: $\angle GLJ + \angle KLI$

8. $MLZ = 47$ $\overset{90}{-43}$ (9) $MLZ = 69^\circ$ $\overset{90}{-21}$

12. $MLZ = 120$ $\overset{180}{-60}$ (13) $MLZ = 25^\circ$ $\overset{180}{-155}$

18. $7x - 3 + 12x - 7 = 180$ 19. $6x + 4x = 90$

$19x - 10 = 180$

$10x = 90$

$19x = 190$

$x = 9$

$x = 10$

$MLDEG = 54^\circ$

$MLDEG = 67^\circ$

$MLGEF = 36^\circ$

$MLGEF = 113^\circ$

20. vertical \angle s (21) linear pair (22) N

23. vertical (24) N

(25) Linear Pair

26. N (27) N

28. $x + y = 180$

$5y = 180$

$x = 4y$

$y = 36$

$x = 144$

31. $9x + 20 + 7x = 180$

$16x = 160$

$x = 10$

$2y = 70$

$y = 35$

32. $8x + 26 + 3x = 180$

$11x = 154$

$x = 14$

$5y + 38 = 138$

$5y = 100$

$y = 20$